Type 1 Facility Closeout Report

Section A. Facility Data	
Facility No.	B460 (including B462)
Facility Descriptor:	B460-212,980 sqft office and waste storage building; B462-590 sqft cooling tower
Project:	RISS/B460 Closure Project
Date of Demolition:	6/1/2005
Additional Information:	
(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)	

Section B. Final Characterization Data	
Reconnaissance Level Characterization Report *(concurrence received)*	Reconnaissance Level Characterization Report, Type 1. Concurrence Steven H. Gunderson to Joe Legare, May 18, 2005
In-process Characterization	NA
Pre-Demolition Survey Report *(approval received)*	NA
Post-Demolition Survey Report *(as necessary)*	NA

Section C. Waste Data *(complete categories as appropriate)*	
Sanitary Disposal (Building Strip Out)	
Disposal Site:	BFI Foothills Landfill
Waste Volume (yd^3):	1710
Waste Weight (tons):	177.34
Additional Information:	No asbestos loads were associated with the strip-out/demolition of B460
Sanitary Disposal (Building Demolition)	
Disposal Site:	BFI Foothills Landfill
Waste Volume (yd^3):	39100
Waste Weight (tons):	8649.1
Additional Information:	Includes Demolition of B462 Cooling Tower
Hazardous Disposal	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Disposal Site:	Minor amounts
Waste Volume (yd^3):	Electronic circuit boards, thermostats, exit signs, fluorescent bulbs, and any other RCRA hazardous components were removed ant taken to the RFCA temporary unit for combination with like waste streams for proper disposal
Additional Information:	
TSCA Waste Disposal	
Disposal Site:	BFI Foothills Landfill
Waste Volume (yd^3):	Minor amounts
Additional Information:	Fluorescent ballasts, including non-leaking PCB ballasts, remained in the building and were disposed of with the building demolition debris.
Asbestos Waste Disposal	
Disposal Site:	N/A
Waste Volume (yd^3):	
Additional Information:	No asbestos loads were associated with the strip-out/demolition of B460
Low-Level Waste Disposal	
Disposal Site:	N/A
Waste Volume (yd^3):	
Additional Information:	
Low-Level Mixed Waste Disposal	
Disposal Site:	N/A
Waste Volume (yd^3):	

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Additional Information:	
Recycled Material	
Recycle Facility:	N/A
Waste Volume (yd^3):	
Additional Information:	
Property Disposition	
Receiver Locations *(major items only)*:	N/A
Volume (yd^3):	
Weight (tons):	
Additional Information:	

Section D. Approvals

Kaiser-Hill Project Manager — J.M. Swaar — Name/Signature — 7.18.05 — Date

Instructions for Completion of Type 1 Facility Closeout Report

B460

B460 was a 212,980 square foot, two-story structure built in 1984, the structure was a prefabricated building constructed on a concrete foundation. Exterior walls were constructed of insulated metal panels attached to a steel frame. The ceiling was constructed of metal decking with built-up roofing.

B460 was originally constructed as a manufacturing facility designed to fabricate stainless steel and other non-nuclear parts. B460 housed fabrication operations such as Mechanical Machining, Electrochemical Machining and Grinding, Electro-discharge Machining, and Crush Grinding. A metallurgical laboratory and Hexavalent Chrome Reduction Process were also in the facility.

Non-radioactive process wastes were collected in 4 sump tanks. All tanks were closed in accordance with the "RCRA Closure Plan for B460" (Letter # 96-DOE-05751)

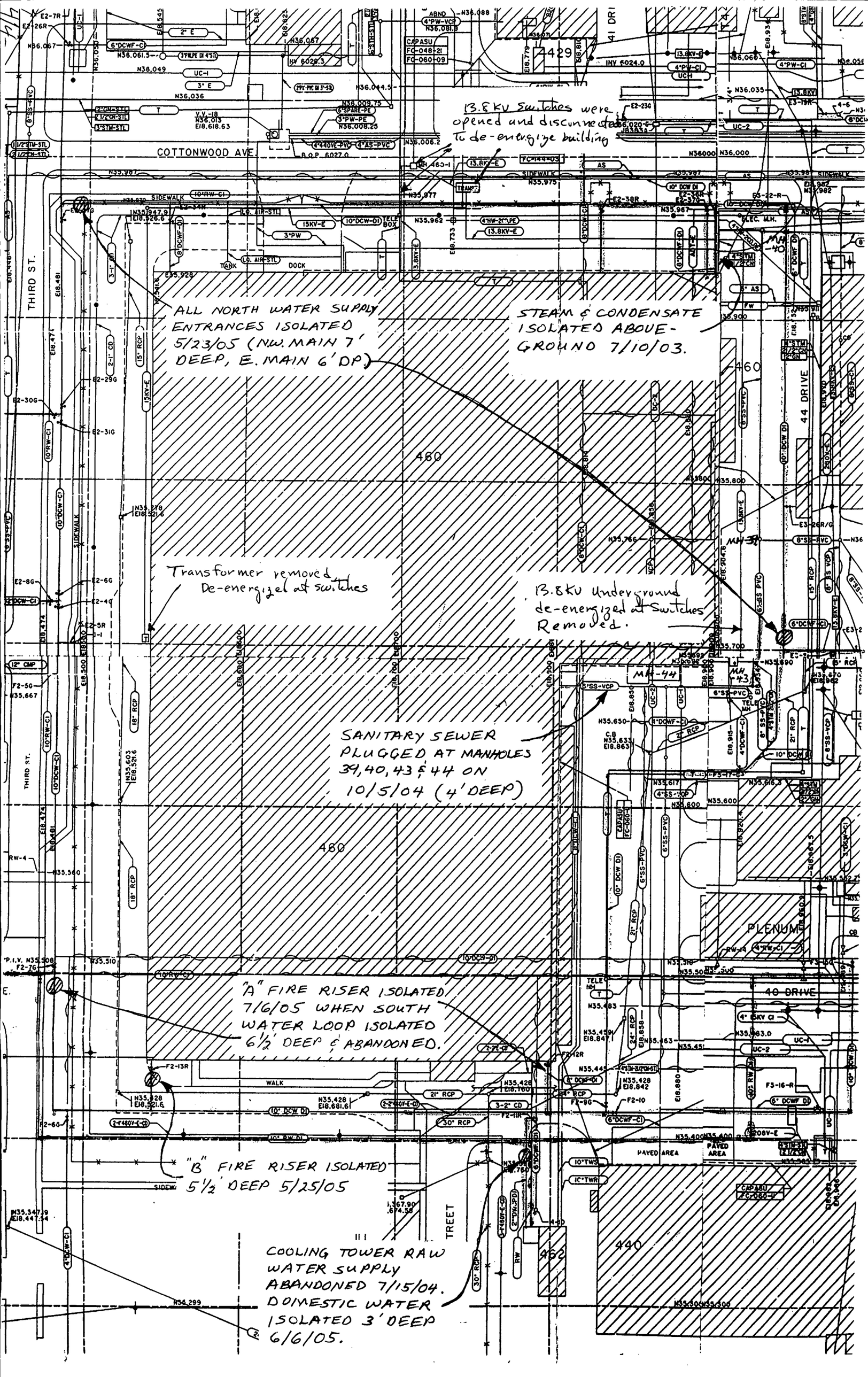
Manufacturing in the facility ended in the mid-1990's, and most of the process equipment was removed. The facility was converted to predominantly administrative offices. In September 2002, the High Bay area was converted to store containerized low-level radioactive, RCRA and TSCA wastes. No repackaging or waste treatment operations were conducted in the facility, and no spills or releases were noted from any of the waste containers. Closure of the Storage Unit was submitted in May 2005 (Letter # 05-00452-057).

Building 460 had the following utilities: electrical, plant water, sanitary, plant steam and a fire protection sprinkler system. All utilities were removed or isolated prior to demolition. B460 was originally connected to the Site process waste system, but was isolated during the 1990's, and was remove from B460 to Valve Vault 18 in 2005. The B460 slab and all integral utility stubs will remain in place, but will be greater than three feet below final grade. Holes were bored through the slab on 10-foot centers to allow for groundwater flow. Approximately 70,000 cubic yards of backfill will be used to bring the area to final contour.

B462

B462 was a 590 square foot cooling tower constructed in 1985 to provide cooling water to B460. B462 was a metal structure elevated above a concrete pad by 8 concrete pedestals. The cooling system consisted of both an open loop and a closed loop system interconnected by a heat exchanger..

Building 462 had the following utilities: electrical and plant water. All utilities were removed to 3' below grade or isolated prior to removal. See attached map for locations.


13.8kV Switches were opened and disconnected To de-energize building
ALL NORTH WATER SUPPLY ENTRANCES ISOLATED 5/23/05 (NW. MAIN 7' DEEP, E. MAIN 6' DP)
STEAM & CONDENSATE ISOLATED ABOVE-GROUND 7/10/03.
Transformer removed De-energized at switches
13.8kV Underground de-energized at Switches Removed.
SANITARY SEWER PLUGGED AT MANHOLES 39, 40, 43 & 44 ON 10/5/04 (4' DEEP)
"A" FIRE RISER ISOLATED 7/6/05 WHEN SOUTH WATER LOOP ISOLATED 6½' DEEP & ABANDONED.
"B" FIRE RISER ISOLATED 5½' DEEP 5/25/05
COOLING TOWER RAW WATER SUPPLY ABANDONED 7/15/04. DOMESTIC WATER ISOLATED 3' DEEP 6/6/05.
COTTONWOOD AVE
THIRD ST.
44 DRIVE
40 DRIVE
PLENUM
PAVED AREA
MH-39
MH-40
MH-43
MH-44
460
462
440